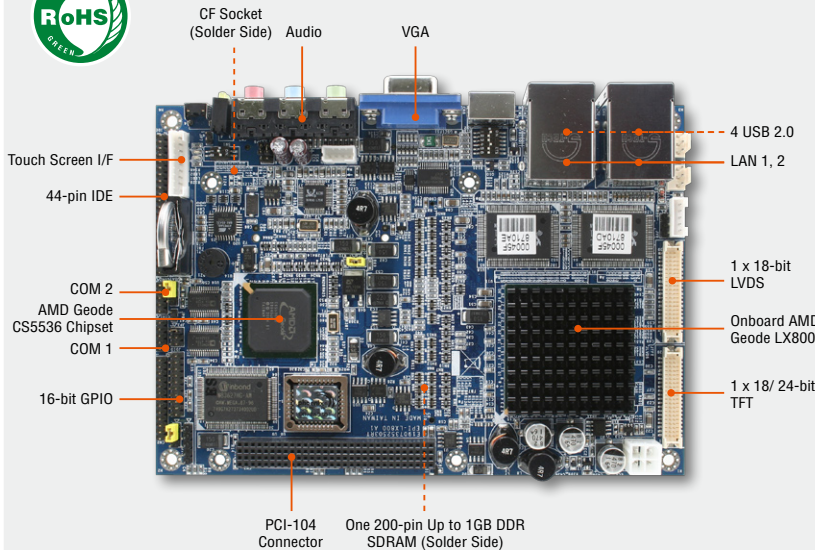




# EPI-LX800

## AMD Geode LX800 EPIC Module with AMD Geode LX800 + CS5536 Chipset



## Features

- Onboard AMD Geode LX800 @ 0.9W 500MHz with 128K L2 Cache CPU
- AMD Geode LX800/ CS5536 Chipset
- One 200-Pin SODIMM Up to 1 GB DDR 266/ 333/ 400 SDRAM
- Dual View, TFT, LVDS, 2-CH Audio
- Dual LAN, Optional Gigabit Ethernet
- 1 PCI-104, 1 CF, 2 COM, 4 USB, 16-bit GPIO
- Single +12V Power Input
- Optional Built-in Touch Screen I/F

LX800 @ 0.9W	LVDS	2 LAN	PCI-104	CF
2 COM	4 USB	16 GPIO	Single +12 V	Touch Screen

## Specifications

### System

• CPU	Onboard AMD Geode LX800 @ 0.9W 500 MHz with 128K L2 Cache CPU
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	AMD Geode LX800/ CS5536
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 200-pin SODIMM Socket Supports Up to 1GB DDR 266/ 333/ 400 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• Expansion	1 x PCI-104

### I/O

• MIO	1 x EIDE (Ultra DMA 100), 1 x LPT, 1 x RS-232, 1 x RS-232/ 422/ 485, 1 x KB & Mouse
• IrDA	115Kbps, IrDA 1.0 Compliant
• USB	4 x USB 2.0
• DIO	16-bit General Purpose I/O for DI and DO

### Display

• Chipset	AMD Geode LX800 with Integrated Graphics Engine
• Display Memory	8/ 16/ 32/ 64/ 128/ 254 MB Frame Buffer Using System Memory
• Resolution	CRT Mode: 1920 x 1440 @ 32 bpp (85Hz) TFT Mode: 1600 x 1200 @ 32 bpp (60Hz)
• Multiple Display	CRT + LVDS, CRT + TTL
• VGA/LCD Interface	Supports 18/ 24-bit TFT Panel
• LVDS	Single-channel 18-bit LVDS

### Built-in Touch Screen (Optional)

• Chipset	PenMount DMC9000
• Touch Screen Interface	With 9-pin 2mm Box Header (Can be Selected to Support 4/ 5/ 8-wire Touch Screen)

### Audio

• Chipset	AMD Geode CS5536
• AC97 Codec	Realtek ALC203 Supports 2-CH Audio
• Audio Interface	Mic-in, Line-in, CD Audio-in, Line-out

### Ethernet

• LAN 1	Realtek RTL8100C
• LAN 2	Realtek RTL8100C Optional Realtek RTL8110S Gigabit Ethernet
• Ethernet Interface	100 Base-Tx Fast Ethernet Compatible: Realtek RTL8100C 1000 Base-T Gigabit Ethernet Compatible: Realtek RTL8110S

### Mechanical & Environmental

• Power Requirement	+12V @ 0.91A (with AMD LX800 500MHz & 512MB DDR SDRAM)
• Power Type	AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0%~90% Relative Humidity, Non-condensing
• Size (L x W)	4.5" x 6.5" (115mm x 165mm)
• Weight	0.51lbs (0.23kg)

## Ordering Information

- **EPI-LX800**  
AMD Geode LX800 EPIC Module with AMD Geode LX800/ CS5536 Chipset and TFT, LVDS, Audio, LAN, CF, PCI-104, 2 COM, 4 USB, 16-bit GPIO
- **ACC-CF-xx**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4GB)
- **ACC-MEM-xx**  
Memory Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1GB)